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C41260

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Sian lenath Left section Right section Panel depth 1270 mm (50")... 3048 mm (20") Mounting clip L's Clip angles at 1676 mm (66") Max

GREATER THAN 6.10 m (20')

above the top chord of the truss. In these cases the top clips shall be bolted to vertical frame members. See Standard Plan S8D for details.

Sign Length	Left Section	Right Section
6.71m (22')	3.66 m (I2')	3.05 m (IO')
7.32 m (24')	3.66 m (I2')	3.66 m (I2')
7.93 m (26')	3.66 m (I2')	4.27 m (I4')
8.54 m (28')	4.88 m (I6')	3.66 m (I2')
9.15 m (30')	4.88 m (I6')	4.27 m (I4')
9.76 m (32')	4.88 m (I6')	4.88 m (I6')
10.37 m (34')	4.88 m (I6')	5.49 m (I8')
10.98 m (36')	6.10 m (20°)	4.88 m (16')
11.59 m (38')	6.10 m (20')	5.49 m (I8')
12.20 m (40')	6.10 m (20')	6.10 m (20')

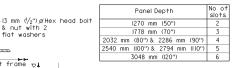
NOTES

Frames for signs greater than 6.10 m (20") in length shall be fabricated in two sections with left section a multiple of 1220 (48") in length.

Sections shall be hoisted into place individually and bolted together as per detail (1) prior to tightening of mounting clip bolts.

Bolting two sections together and hoisting simutaneously will not be permitted.

Maintain suitable clearance



NOTE

-Matched slots in end /'s. For number required see

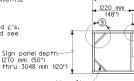
16 mm (5/8")

table above.

Panel mounting holes not shown. Panel lengths available in 610 mm (24") increments.

1270 mm (50")

NOTES



altrans now has a web site! To get to the web site, go to: http://www.dat.ca.a Panel frame lenath .WT's @ 1220 mm (48") **→**WT 75

July 1, 2002

B. Woody

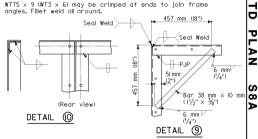
Bar 38 mm \times 10 mm ($1\frac{1}{2}$ " \times $\frac{3}{8}$ "). Frame / 's 76 x 76

TYPICAL REMOVABLE FRAME

[1220 mm (48") thru 6096 mm (20')]

I. Frames shall be all-welded construction.

- 2. Panel mounting holes shall be drilled by template. Sign panel may be considered a template.
- 3. Drilled and tapped holes 6.34 mm ($\frac{1}{4}$ ") may be used where interference due to welds or structuralmembers is encountered.
- 4. WT75 imes 9 (WT3 imes 6) shall be flush with faces of frame angles.
- 5. Mounting clip angles shall be located such as to allow the top and bottom frame angles of the removable sign panel to lie on a straight horizontal line.
- Holes for mounting removable sign panel frame may be slotted 25 mm (I") maximum parallel to the axis of the sign.
- 7. WT75 \times 9 (WT3 \times 6) may be crimped at ends to join frame angles. Fillet weld all around.



TYPICAL JOINT DETAILS

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS STEEL FRAMES REMOVABLE SIGN PANEL FRAMES

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (Si or "metric") and United States Standard Measures shown in the pareritheses (), The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

S8A

REMOVABLE FRAME

* 2794 mm (IIO") & 3048 mm (I20") sign panel frames will project

DETAIL

(13/4")

Shim between

clip / as required

SECTION T-T

frame and

13 mm (1/2") Hex head bolt & nut. Provide

flat washer & lockwasher top & bottom.

& nut with 2

\$ ± \$

flat washers

Right frame

32 mm 32 mm 8 8 9 9

mounting holes

Left frome

.1220 mm (48"). 2, **p** 305 mm Top chord member 273 mm (IO3/4") -273 mm (IO¾") 32 mm (11/4") 32 mm -32 mm (11/4") 64 mm (21/2") -64 mm (21/2") Removable frame Frame Ls' 1676 mm (66") Max Face ofsian panel WT 75 × 9 W=1270 mm (50") thru $-4.76 \times 64 \times 9.5$ (4.3 × $2\frac{1}{2} \times \frac{3}{8}$) (top and bottom) $(WT 3 \times 6)$ 3048 mm (I20") Sign Panels 76 mm (3") Min Frame / s 533 mm (2l") Max -Bottom chord member

(3/6")

-152 mm (6")

TYPICAL I220 mm (48") PANEL

TYPICAL 6IO mm (24") PANEL

Top of

walkway beam -

All holes 13 mm ($\frac{1}{2}$ ") diameter maximum.

32 mm 11/4")—

MOUNTING HOLE SPACING SIGN PANEL & FRAME

Hole spacing is for single sheet sign panels. For Overhead Formed Panels refer to "Overhead Formed Panel" Sheet.

FRAME MOUNTING DETAILS

5 mm

(3/6")

Details shown apply for sign panel frames ≤ 2540 mm (100") deep. Mounting details for deeper panels shown on Standard Plan S8D.

76 mm